

Docket No.: T2001-7002.10

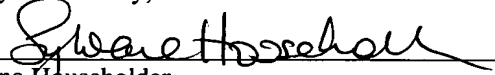
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William S. Barney  
Serial No: 10/797,716  
Confirmation No.: 4115  
Filed: March 10, 2004  
For: SYSTEM AND METHOD FOR BIOAEROSOL DISCRIMINATION  
BY TIME-RESOLVED FLUORESCENCE  
Examiner: Not Yet Assigned  
Art Unit: 2877

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 3rd day of February, 2006.

  
Sylvana Householder

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

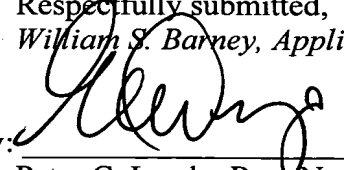
Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement, Form PTO-1449 and Cited References
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*William S. Barney, Applicant*

By:   
Peter C. Lando, Reg. No. 34,654  
Elias Domingo, Reg. No. 52,827  
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Date: February 3, 2006



DOCKET NO: T2001-7002.10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

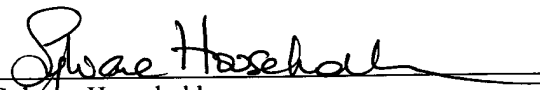
Applicant: William S. Barney  
Serial No: 10/797,716  
Confirmation No: 4115  
Filed: March 10, 2004  
For: SYSTEM AND METHOD FOR BIOAEROSOL  
DISCRIMINATION BY TIME-RESOLVED  
FLUORESCENCE

Examiner: Not yet assigned  
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Sylvana Householder

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

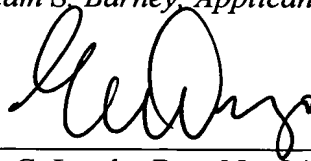
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

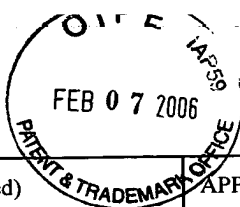
Respectfully submitted,  
*William S. Barney, Applicant*

By: \_\_\_\_\_



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Elias Domingo, Reg. No. 52,827  
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Tel. (617) 395-7000

Date: February 3, 2006



<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 10/797,716		ATTY. DOCKET NO.: T2001-7002.10	
				FILING DATE: March 10, 2004		CONFIRMATION NO.: 4115	
				APPLICANT: William S. Barney			
				GROUP ART UNIT: 2877		EXAMINER: Not yet assigned	
Sheet	1	of	1				

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		*3,750,585		Feldman	08-07-1973
		*3,768,908		Zaromb	10-30-1973
		*4,423,152		Lewis et al.	12-27-1983
		*4,603,575		Rahn et al.	08-05-1986
		*4,939,372		Schvoerer et al.	07-03-1990
		*5,525,377		Gallagher et al.	06-11-1996

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		EP	0 474 264	A	Kaman Aerospace Corporation	03-11-1992	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		S.W. ALLISON et al., "A Wide-Range Phosphor Thermometry Technique," prepared by the Oak Ridge National Laboratory, Oak Ridge, TN, managed by Lockheed Martin Energy Research Corp. for the U.S. Dept. of Energy under contract DE-AC05-96OR22464, March 1998.	
		W. ALLISON, "Phosphor thermometry - The essential features are in place for realizing a temperature scale in terms of atomic quantities," published at <a href="http://www.isa.org/INTECHTemplate.cfm?Section=Article_Index&amp;template=/ContentManagement/ContentDisplay.cfm&amp;ContentID=25051">http://www.isa.org/INTECHTemplate.cfm?Section=Article_Index&amp;template=/ContentManagement/ContentDisplay.cfm&amp;ContentID=25051</a> , April 1, 2003, pp. 1-5.	
		S.W. ALLISON et al., "Phosphor Thermometry Techniques for the Realization of Thermal Standards," published at <a href="http://www.isa.org/journals/intech/ISA02-P218.pdf">http://www.isa.org/journals/intech/ISA02-P218.pdf</a> , publication date unknown.	
		M. CATES et al., "Phosphor Thermometry Tutorial", Oak Ridge National Laboratory, U.S. Dept. of Energy, UT-Battelle, (publication date unknown).	
		P. DECARLO et al., "Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 1: Theory", submitted to Aerosol Science & Technology on July 2, 2004, pp 1-75, (publication date unknown).	
		<i>Luminescent Materials</i> , Kirk-Othmer Concise Encyclopedia of Chemical Technology.-4 <sup>th</sup> ed., p. 1219, 1999, John Wiley & Sons, Inc., Canada.	
		PAN, "Application of light-emitting diodes for aerosol fluorescence detection," <i>OPTICS LETTERS</i> , September 15, 2003, pp. 1707-1709, Vol. 28, No. 18.	
		WAHL, "Laser-Based Diagnostics of Diamond Synthesis Reactors," High Temperature Gasdynamics Laboratory, Thermosciences Division, Dept. of Mechanical Engineering, Stanford University, U.S. Dept. of Energy, Report No. TSD-136 (2001).	

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided because the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.